

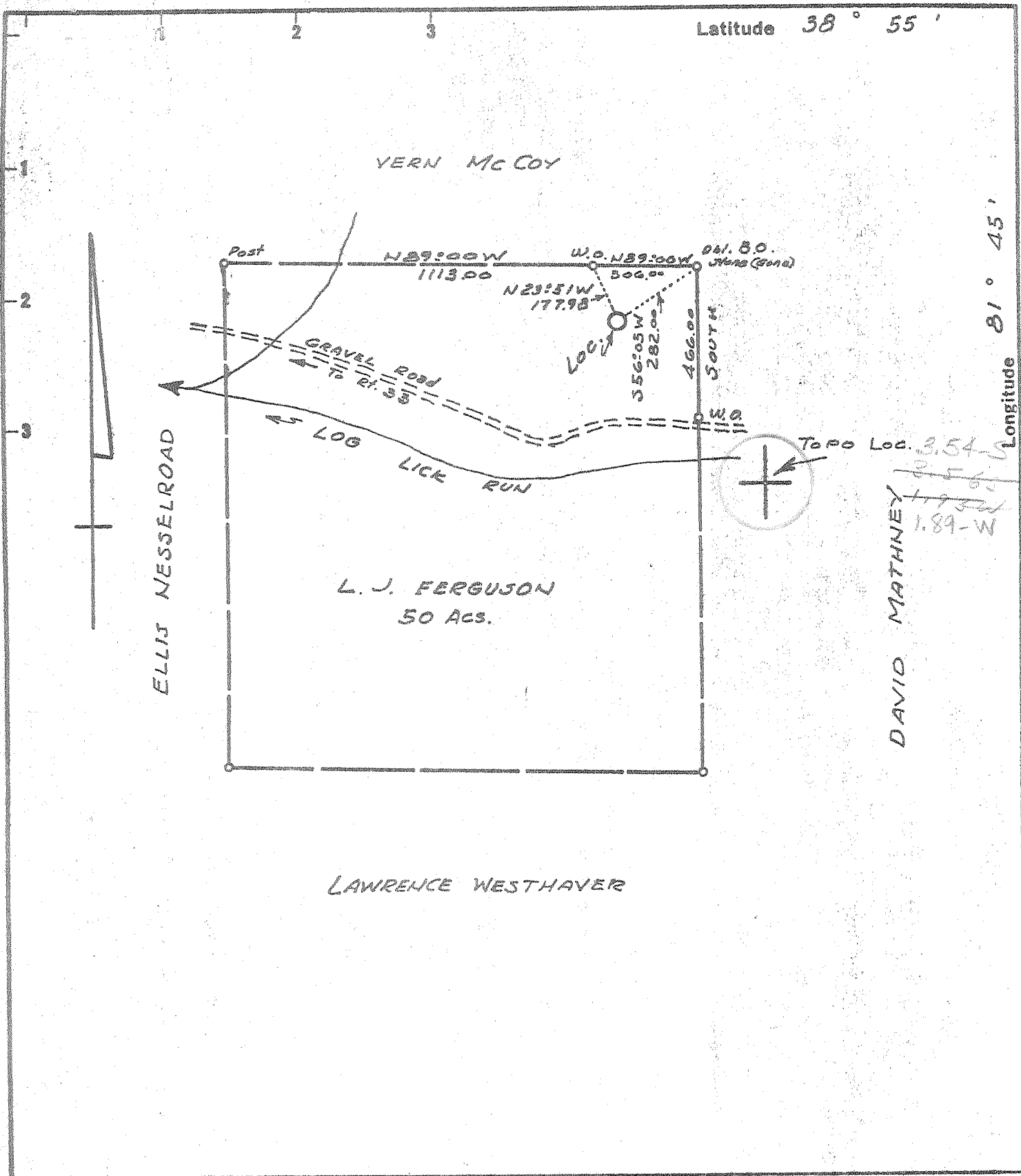
Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev. 718' Road Intersection East of Well Loc.
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

New Location
 Drill Deeper
 Abandonment
 Dated 6-25-71

Company COLONIAL GAS CO., INC.
 Address 1596-KAN. BLVD. CHARLESTON, W.VA.
 Farm L. J. FERGUSON
 Tract _____ Acres 50 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 767.0
 Quadrangle RAVENSWOOD EC
 County JACKSON District UNION
 Engineer N. G. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 5-22-71 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. Jec-1284-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 IN 200
 Source of Elevation U.S.G.S. Elev. 718' Road Intersection EAST OF Well LOC.
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company COLONIAL GAS CO., INC.
 Address 1596 - KAN. BLVD. CHARLESTON, W.VA.
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 Date 5-22-71 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Jac-1284 R

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

D 6-0 Ripley 311

Deep Well (Newburg)

JUN 14 1971



JUN 25 1971 Rotary

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION 3

Spudder
Cable Tools
Storage

Quadrangle *Ravenwood*

Permit No. Jac. 1284

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Colonial Gas Company
Address 1025 Chas. Natl. Plaza, Chas. W. Va.
Farm L.J. Ferguson Acres 50
Location (waters) Log Lick Run
Well No. 1 Elev. 779 KB
District Union County Jackson
The surface of tract is owned in fee by L.J. Ferguson
Address _____
Mineral rights are owned by Colonial Gas Co.
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
11 3/4	<u>250</u>	<u>250</u>	Depth set
8 1/4	<u>2150</u>		Perf. top
6 1/2			Perf. bottom
5 3/16	<u>5275</u>		Perf. top
4 1/2			Perf. bottom
3			
2			
Liners Used			

Drilling commenced 6-2-71
Drilling completed 6-22-71
Date Shot From To
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 0 Cu. Ft.
Rock Pressure 0 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) No
WELL FRACTURED (DETAILS) No

Attach copy of cementing record. (see other side)
CASING CEMENTED yes SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. Gerald Jones: Halliburton
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	5			
Red Rock			5	25			
Sand			25	40			
Shale			40	100			
Red Rock			100	150			
Shale			150	180			
Sand			180	210			
Shale			210	300			
Red Rock			300	370			
Shale			375	550			
Sand - <i>PHS.?</i>			550	600			
Shale			600	780			
Red Rock			780	820			
Shale			820	1045			

over →

(over)

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1045	1410			
Shale			1410	1430			
Shale			1430	1650			
Shale			1650	1680			
Sand - SALT SAND?			1680	1745			
Limestone - Bigline			1745	1850			
BigInjun			1850	2010			
Sandy & Shale			2010	2100			
Shale			2100	4525			
Corniferous Lm. - 463			4525	4615			
Oriskany			4615	4620			
Limestone & Dolomite HELDRAERG & SALINA			4620	5308			
Newburg Zone			5308	5316			
Dolomite McKenzie			5316	5336			
				5336	Total Depth		
				545			
11 3/4 in. Csg. @ 250 ft.			cemented	w/125 Sx -		6/4/71	
8 5/8 in. Cs. @ 2140 ft.			"	w/150 Sx.			
5 1/2 In. Csg. @ 5275 ft.			"	w/150 sx.		6/18/71	

Date June 25, 1971, 19

APPROVED Colonial Gas Company, Owner

By *C. A. Davis* (Title)
General Manager